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09/716565  
11/20/00

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Evaggelos GERANIOTIS et al.	)	Group Art Unit: Not yet assigned
	)	
Serial No.: Not yet assigned	)	Examiner: Not yet assigned
	)	
Filed:	)	Atty. Docket No.: 3493.00014
	)	
For: DE-MODULATION OF MOK (M-ARY ORTHOGONAL MODULATION)		

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56, Applicants wish to advise the Examiner of the reference(s) listed on the attached PTO-1449. One copy of each reference is attached. Applicants respectfully request that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed concurrently with the filing of the present application, and therefore, no certification or fee is required.

Each of the submitted documents is in the English language, and therefore, no explanation of their relevance is necessary.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

INFORMATION DISCLOSURE STATEMENT

3493.00014

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

By: Alfred D. Steinmetz

Registration No. 22971

Dated: 11/20/2000



FORM PTO-1449 (Rev. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 3493.00014		SERIAL NO.	
				APPLICANT Evaggelos GERANIOTIS			
				FILING DATE		GROUP	

  

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,329,547	06/12/94	Ling			

  

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	M. Khairy et al., "BER of DS/CDMA Using Symbol-Aided Coherent Demodulation over Rican and Rayleigh Fading Channels," 1998 IEEE, pp. 435-440
	J. Cavers, "An Analysis of Pilot Symbol Assisted Modulation for Rayleigh Fading Channels," IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, Vol. 40, No. 4, November 1991, pp. 686-693
	C. Berrou et al., "Near Shannon Limit Error-Correcting Coding and Decoding: Turbo-Codes," 1993 IEEE, pp. 1064-1070
	S. Benedetto, et al., "A Soft-Input Soft-Output APP Module for Iterative Decoding of Concatenated Codes," IEEE COMMUNICATIONS LETTERS, Vol. 1, No. 1, January 1997, pp. 22-24
	C. Frank, et al., "Coherent and Noncoherent Decoding Metrics for the IS-95 Reverse Link"
	R. Frank, "Polyphase Complementary Codes," IEEE TRANSACTIONS ON INFORMATION THEORY, Vol. IT-26, No. 6, November 1980, pp. 641-647
	R. Frank, "Polyphase Codes with Good Nonperiodic Correlation Properties," IEEE TRANSACTIONS ON INFORMATION THEORY, January 1963, PP. 43-45
	M. Golay, "Complementary Series," IEEE TRANSACTIONS ON INFORMATION THEORY, April 1961, pp. 83-87
	R. Sivaswamy, "Multiphase Complementary Codes," IEEE TRANSACTIONS ON INFORMATION THEORY, Vol. IT-24, No. 5, September 1978, pp. 546-552
	K. Halford, et al., "Complementary Code Keying for Rake-Based Indoor Wireless Communication," 1999 IEEE, pp. IV-427-IV-430

  

EXAMINER	DATE CONSIDERED
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 (Form PTO-1449 [6-4])